

Abstract

A multicoat color and/or effect coating system ML for a primed or an unprimed substrate comprising - lying above one another - (1) a surfacer coat FL which absorbs mechanical energy, and (2) a color and/or effect topcoat DL, or (1) a surfacer coat FL which absorbs mechanical energy, (2) a color and/or effect basecoat BL, and (3) a clearcoat KL, or (1) a color and/or effect basecoat BL and (2) a clearcoat KL, wherein at least one coat, preferably at least two coats, and in particular all coats of the multicoat system ML has or have been produced from a coating material comprising at least one constituent (A) preparable by free-radical polymerization of

- a) olefinically unsaturated monomers and
- b) olefinically unsaturated monomers I different than the olefinically unsaturated monomers (a):



in which the radicals R^1 , R^2 , R^3 and R^4 each independently of one another are hydrogen atoms or alkyl, cycloalkyl, alkylcycloalkyl, cyclo-

alkylalkyl, aryl, alkylaryl, cycloalkylaryl, arylalkyl or arylcycloalkyl radicals, with the proviso that at least two are aryl, arylalkyl or arylcycloalkyl radicals;

in an aqueous medium.